

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F21K2/00 C09K11/06 C09K11/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F21K C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 197 28 449 C (FRAUNHOFER GES FORSCHUNG) 19 November 1998 (1998-11-19)	1
Y	page 2, lines 34-54; claims 1-13 page 3, lines 14-26 - lines 36-50 page 3, line 62 - page 4, line 9	2-10
Y	KIPSHIDZE G ET AL: "DEEP ULTRAVIOLET ALGAINN-BASED LIGHT-EMITTING DIODES ON SI(111) AND SAPPHIRE" PHYSICA STATUS SOLIDI (A). APPLIED RESEARCH, BERLIN, DE, vol. 192, no. 2, 15 March 2002 (2002-03-15), pages 286-291, XP001179920 ISSN: 0031-8965 the whole document	7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

10 September 2004

Date of mailing of the international search report

17/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 382 272 A (PAPE HEINZ ET AL) 3 May 1983 (1983-05-03) column 1, lines 56-60; claims 1-14; figure 2 column 5, lines 36-43 -----	2-6,8-10
Y	EP 0 706 006 A (ROEHM GMBH) 10 April 1996 (1996-04-10) page 2, lines 41-50; claims 1-4 page 3, lines 10-42 page 4, lines 1-11 -----	2-6,8-10

Information on patent family members

ional Application No

IB2004/050564

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19728449	C	19-11-1998	DE 19728449 C1	19-11-1998
US 4382272	A	03-05-1983	DE 2946191 A1	21-05-1981
			EP 0029199 A1	27-05-1981
			JP 56087078 A	15-07-1981
EP 0706006	A	10-04-1996	DE 9415950 U1	17-11-1994
			EP 0706006 A2	10-04-1996
			JP 8211838 A	20-08-1996